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Appendix

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New Claims 1, 4 and 23

1. Nucleic acid which encodes a heavy chain, which is able to bind to GPIb/IIIa, of a human antibody, or a functional derivative or a fragment thereof, and comprises a CDR3 region, selected from:

10 (a) a nucleotide sequence which encodes the amino acid sequence:

V L P F D P I S M D V, (I)

15 (b) a nucleotide sequence which encodes the amino acid sequence

A L G S W G G W D H Y M D V, (II)

and

20 (c) a nucleotide sequence which encodes an amino acid sequence having an homology of at least 80% with an amino acid sequence from (a) or (b).

4. Nucleic acid which encodes a light chain, which is able to bind to GPIb/IIIa, of a human antibody, or a functional derivative or a fragment thereof, and comprises a CDR3 region, selected from:

25 (a) a nucleotide sequence which encodes the amino acid sequence:

A T W D D G L N G P V, (VII)

30 (b) a nucleotide sequence which encodes the amino acid sequence

A A W D D S L N G W V, (VIII)

and

35 (c) a nucleotide sequence which encodes an amino acid sequence having an homology of at least 80% with an amino acid sequence from (a) or (b),

with the proviso that when the nucleic acid encompasses a nucleotide sequence according to (b), it does not simultaneously comprise nucleotide sequences which encode the amino acid sequences SGSSSNIGSNTVN and SNNQRPS, and when the nucleic acid comprises a nucleotide sequence according to (c), it does not simultaneously comprise nucleotide sequences which encode the amino acid sequences SGSSSNIGSNTVN and RNNQRPS.

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23. Process for isolating phagemid clones which express nucleic acids which encode autoantibodies against GPIIb/IIIa or encode antiidiotypic antibodies which are directed against these autoantibodies, characterized in that a phagemid library is prepared from lymphocytes obtained from a healthy human donor and the desired phagemid clones are isolated by affinity selection comprising negative and positive selection steps.

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